LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
Data File : VN081907.D
Acq On : 29 Apr 2024 12:20
Operator : JC\MD
Sample : P2293-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240417004-02

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN081907.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.424	406	420	430	rBV	827969	2457993	11.60%	6.630%
2	4.524	430	437	452	rVB2	143733	452032	2.13%	1.219%
3	4.706	455	468	490	rBV	1371381	4430695	20.92%	11.952%
4	4.936	495	507	524	rVV2	273619	959204	4.53%	2.587%
5	7.835	987	1000	1017	rBV	8160399	21182253	100.00%	57.139%
6	7.965	1017	1022	1036	rVB2	114985	303595	1.43%	0.819%
7	8.577	1115	1126	1138	rVB2	98153	228860	1.08%	0.617%
8	9.106	1207	1216	1225	rBV	213719	442985	2.09%	1.195%
9	10.571	1456	1465	1472	rBV	321641	604857	2.86%	1.632%
10	11.870	1679	1686	1697	rVB	263453	499915	2.36%	1.349%
11	12.847	1845	1852	1863	rVB	200003	370452	1.75%	0.999%
12	14.247	2081	2090	2098	rBV	854815	1266828	5.98%	3.417%
13	14.447	2113	2124	2133	rBV2	1687992	3871672	18.28%	10.444%

Sum of corrected areas: 37071341

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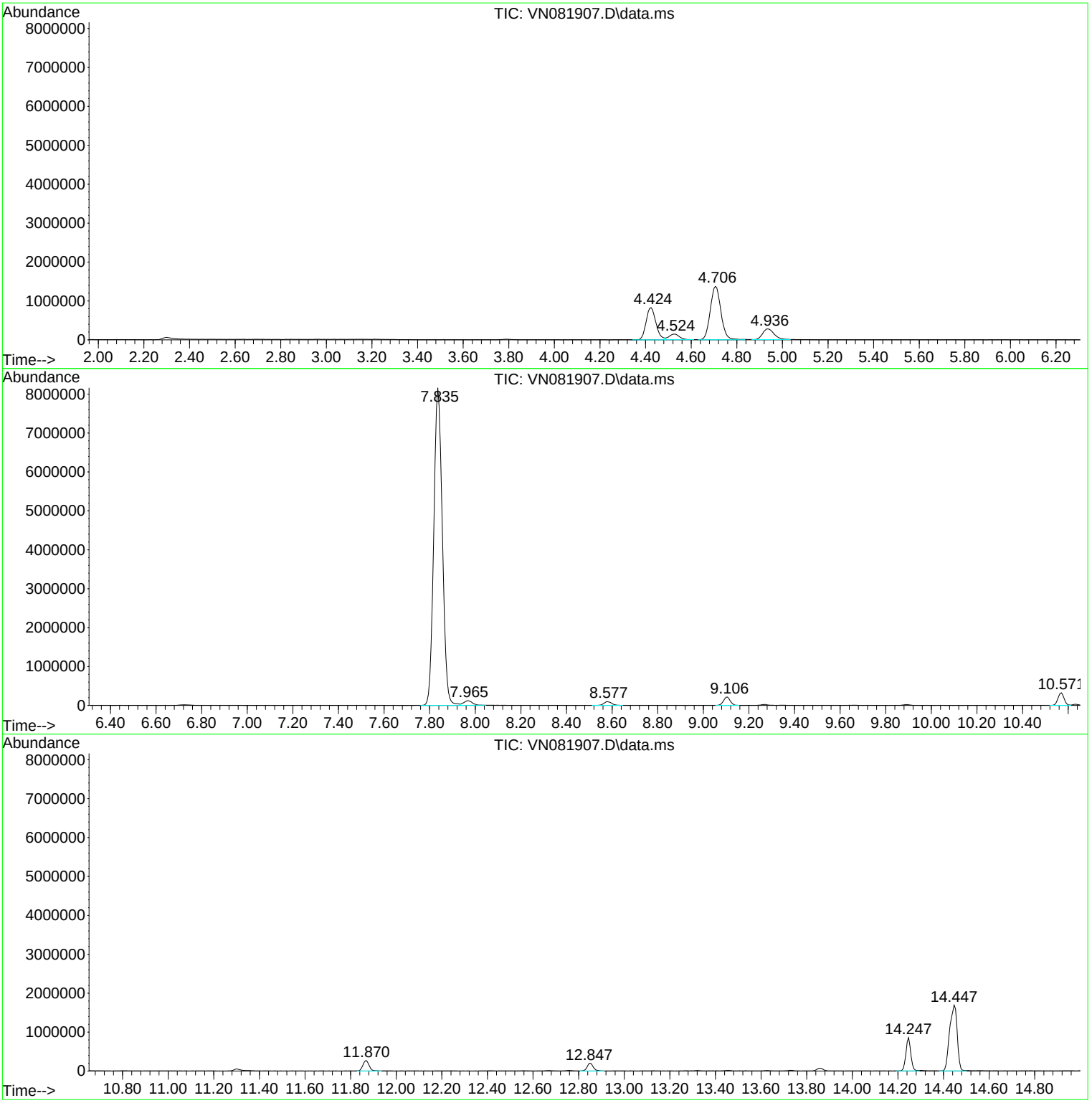
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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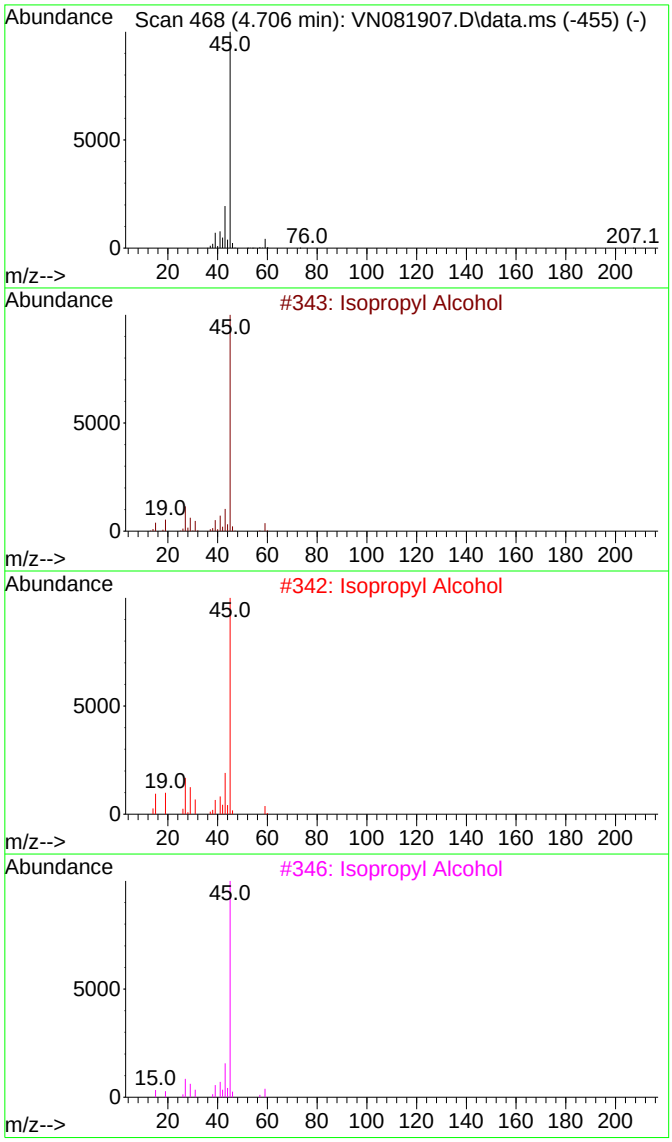
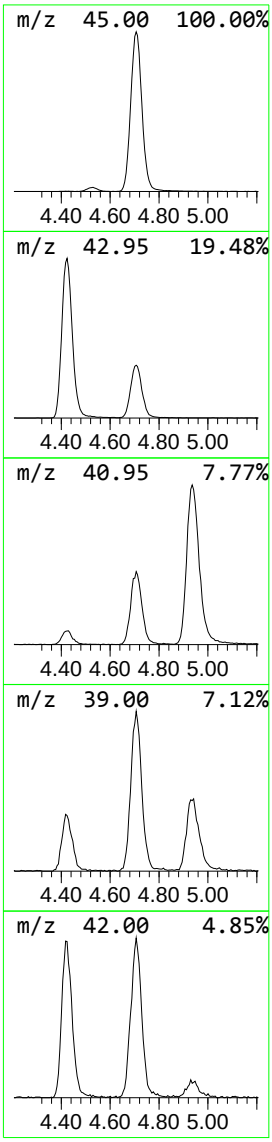
Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.706	6.28 ug/l	4430700	Bromochloromethane	7.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





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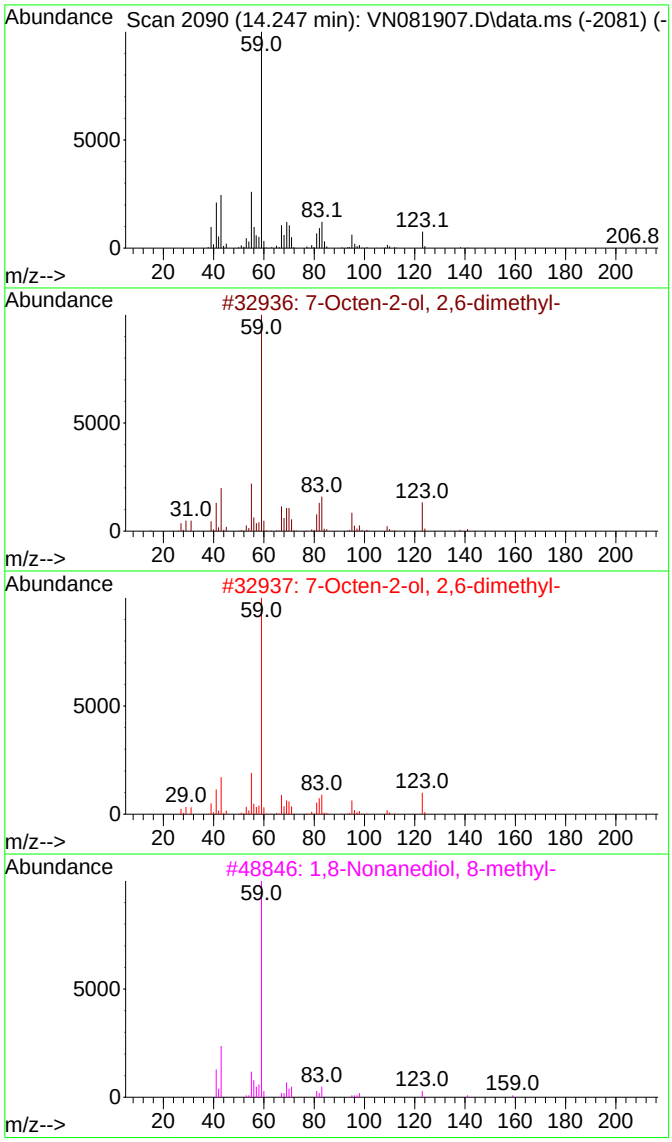
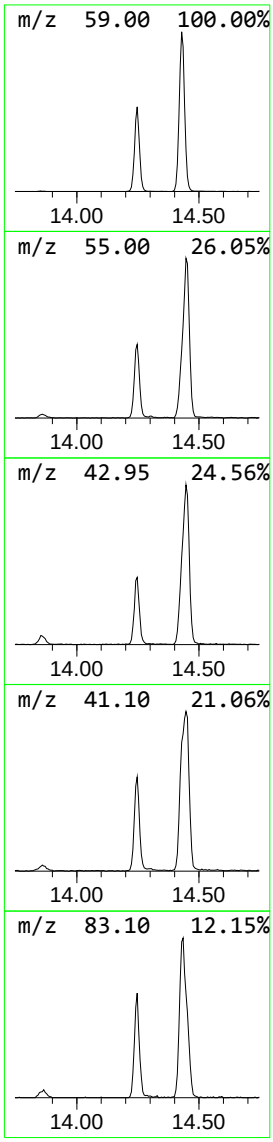
Peak Number 2 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	76.02 ug/l	1266830	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	78
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	72
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
5	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	72





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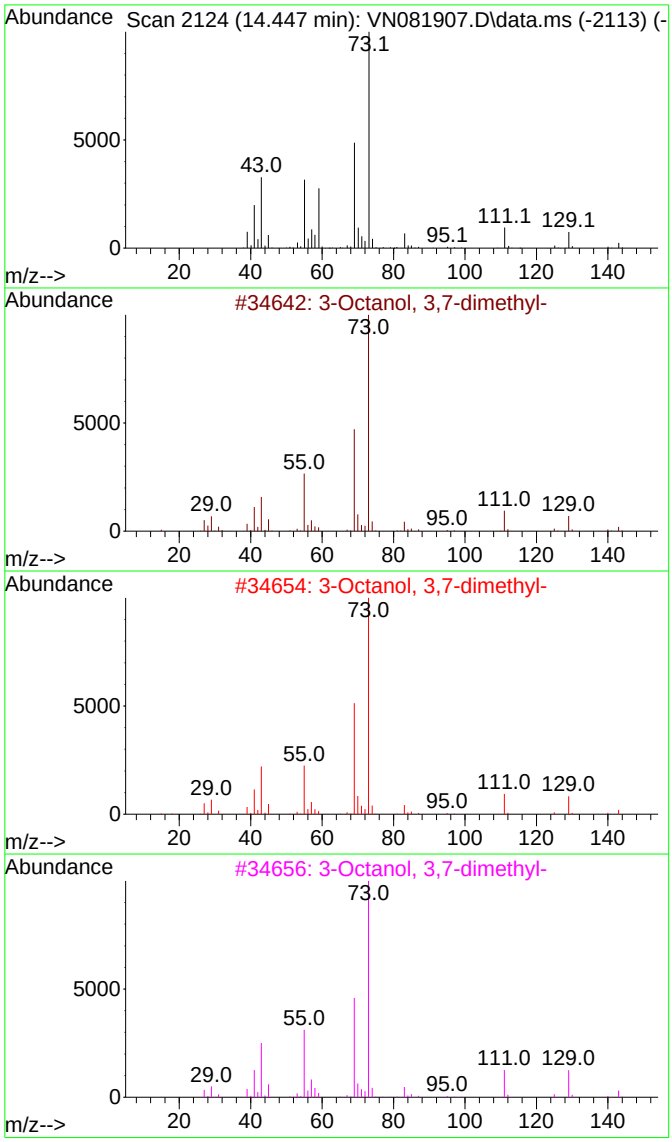
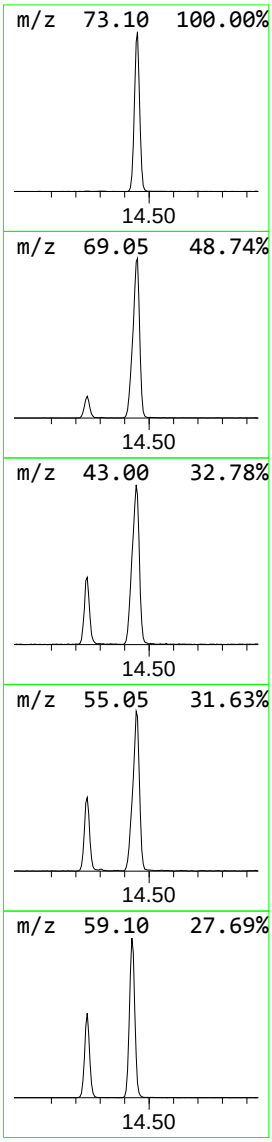
Peak Number 3 3-Octanol, 3,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	232.34 ug/l	3871670	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	64
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	58
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	43
4	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	25
5	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	25





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	4.706	6.3	ug/l	4430700	1	7.824	21182300	30.0
7-Octen-2-ol, 2...	14.247	76.0	ug/l	1266830	3	11.870	499915	30.0
3-Octanol, 3,7-...	14.447	232.3	ug/l	3871670	3	11.870	499915	30.0